

Abstract

A method for reducing the defect density of glass comprising melting a glass composition comprising from 65-75 wt.% of SiO_2 ; from 10-20 wt.% of Na_2O ; from 5-15 wt.% of CaO ; from 0-5 wt.% of MgO ; from 0-5 wt.% of Al_2O_3 ; from 0-5 wt.% of K_2O ; from 0-2 wt.% Fe_2O_3 ; and from 0-2 % FeO , wherein the glass composition has a total field strength index of greater than or equal to 1.23 is disclosed.